

Memorandum

Date: November 20, 2007
Telephone: (916) 654-4995

DOCKET	
07-AFC-7	
DATE	NOV 20 2007
RECD.	NOV 20 2007

To: Jackalyne Pfannenstiel, Chairman
James D. Boyd, Vice Chair
Arthur H. Rosenfeld, Ph.D., Commissioner
John L. Geesman, Commissioner
Jeffrey D. Byron, Commissioner

From: California Energy Commission **Melissa Jones**
1516 Ninth Street **Chief Deputy Director**
Sacramento, CA 95814-5512

Subject: SECOND DATA ADEQUACY RECOMMENDATION FOR COMMUNITY POWER PROJECT, (07-AFC-7)

Staff's October 26, 2007 initial data adequacy review of the Kings River Conservation District's (KRCD) Community Power Project (CPP) Application for Certification (AFC) determined that it did not contain all the information required by California Code of Regulations, Title 20, Section 1704, including Appendix B, for the 12-month AFC process. Specifically, the AFC was deficient in 9 of the 23 technical disciplines reviewed: air quality, biological resources, cultural resources, project overview, socioeconomics, soil resources, traffic and transportation, transmission system design, and visual resources. On November 13, 2007, KRCD (applicant) submitted supplemental materials to address these deficiencies. In addition PG&E submitted an electrical one-line diagram on November 8, 2007, which they had not made available to the applicant. Staff has reviewed the supplemental information received from the applicant and PG&E and has determined that the AFC is now data adequate in all 23 technical disciplines.

Attachment A contains an overview of the adequacy recommendation of each technical discipline evaluated. Attachment B contains the revised data adequacy worksheets for the nine technical disciplines previously determined to be data inadequate, reflecting that the supplemental information to be submitted by the applicant and PG&E makes the AFC adequate.

On September 27, 2007, KRCD submitted an Application for Certification (AFC) to construct and operate a nominal 565 megawatt natural gas-fired combined-cycle generating facility near the City of Parlier, in an in an unincorporated area of western Fresno County. The proposed project would consist of two Siemens (SGT6-5000F) or GE (7FA) gas turbine generator units (CTGs) and associated equipment.

We have received comments from Fresno County regarding their hazardous materials management requirements. On November 9, 2007, a letter was received from the San Joaquin Valley Air Pollution Control District stating that they have determined the applicant's Authority to Construct Application is complete.

At the Energy Commission's business meeting on December 5, 2007, staff will recommend that the Energy Commission accept the AFC with the supplemental information as data adequate, and request that a committee be appointed.

If you have any questions, please call Che E. McFarlin, staff's Project Manager, at (916) 651-0965.

Attachments

Attachment A
Overview of Energy Commission Staff's Data Adequacy Recommendations
Community Power Project
07-AFC-7

Technical Area	Attachment B Page No.	Adequate ?
AIR QUALITY.....	1	YES
BIOLOGICAL RESOURCES.....	7	YES
CULTURAL RESOURCES.....	16	YES
PROJECT OVERVIEW.....	22	YES
SOCIOECONOMICS.....	27	YES
SOILS.....	34	YES
TRAFFIC AND TRANSPORTATION.....	37	YES
TRANSMISSION SYSTEM DESIGN.....	41	YES
VISUAL RESOURCES	44	YES

ATTACHMENT B

ENERGY COMMISSION STAFF'S Second Data Adequacy Determination Revised to Reflect AFC Supplement

**Community Power Project
07-AFC-7**

November 20, 2007

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Air Quality
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Tuan Ngo
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.1.2, p. 1-10 Section 8.1.3, p. 11-43 Appendix 8.1-3 <u>AFC Supplement A, Air-1</u>	No <u>Yes</u>	Please provide specific sources of emission reduction credits that would be used to mitigate the project emissions impacts. Response to this item can be incorporated in the responses to the information requested to satisfy Appendix B (g) (8) J (ii) and Appendix B (g) (8) (K).
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	<u>November 13, 2007 letter from San Joaquin Valley Air Pollution Control District.</u> <u>AFC Supplement A, Air-2 and Air-3</u>	No <u>Yes</u>	Please provide a copy of the application for Authority to Construct and Permit to Operate submitted to the San Joaquin Valley Air Pollution Control District (District). Please provide the District's written notification that the project is complete for permit processing, i.e. a "Completeness Notification".
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Table 8.1-4, p. 12 Table 8.1-9, p. 19 <u>AFC Supplement A, Air-4</u>	No <u>Yes</u>	— Please provide the heat rate and capacity factor for the proposed facility.
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Appendix 8.1-4	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Appendix 8.1-4, p. 12 <u>AFC Supplement A, Air-5 and Air-6</u>	No <u>Yes</u>	Please provide an analysis showing the total dissolved solid (TDS) content of the cooling tower recirculation water. Please provide additional detailed description of the cooling tower, including the number of cells, the air flow rate, and whether additional on-site water treatment is proposed to treat the waste water used in the cooling tower.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Air Quality
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Tuan Ngo
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (E)	The emission rates of criteria pollutants and greenhouse gases (CO ₂ , CH ₄ , N ₂ O, and SF ₆) from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all on-site secondary emission sources.	Tables 8.1-17 to 20, p. 43 Appendix 8.1-5 Tables 8.1-7 and 8, p. 16-17 <u>AFC Supplement A, Air-7</u>	No <u>Yes</u>	If on-site water treatment equipment is proposed, please provide an assessment of whether these equipment would result in air contaminants.
Appendix B (g) (8) (F)(i)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Appendix 8.1-5, p. 5 and 27	Yes	
Appendix B (g) (8) (F)(ii)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the commercial operations date, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests.	Appendix 8.1-5: Table 11, p. 12 Table 11, p. 34	Yes	
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 8.1.2.6, Table 8.1-3, p. 10	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 8.1.3.4, p. 18-22	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Air Quality**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Tuan Ngo
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995)), which is incorporated by reference in its entirety.	N/A	Yes	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix 8.1-1	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:	See below		
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀) and particulate matter less than 2.5 microns in diameter (PM _{2.5})] from construction-related equipment;	Appendix 8.1-3 Appendix 8.1-6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Technical Area: **Air Quality**

Project: Community Power Project

Technical Staff: Tuan Ngo

Project Manager: Che McFarlin

Docket: 07-AFC-7

Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant (NO _x , SO ₂ , CO, PM ₁₀ , and PM _{2.5}) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions;	Appendix 8.1-3 Appendix 8.1-6	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard; and	Appendix 8.1-2	Yes	
Appendix B (g) (8) (I) (iv)	An air dispersion modeling analysis of the impacts of the initial commissioning phase emissions on state and federal ambient air quality standards for NO _x , SO ₂ , CO, PM ₁₀ , and PM _{2.5} .	Appendix 8.1-5	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:	See below		
Appendix B (g) (8) (J) (i)	The quantity of offsets or emission reductions that are needed to satisfy air permitting requirements of local permitting agencies (such as the air district), state and federal oversight air agencies, and the California Energy Commission. Identify by criteria air pollutant, and if appropriate, greenhouse gas; and	Section 8.1.3.7, p. 39-43 Tables 8.1-17 to -20	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Air Quality
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Tuan Ngo
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions;	Section 8.1.3.7, pp. 39-43 Tables 8.1-17 to 20 <u>AFC Supplement A, Air-8</u>	No <u>Yes</u>	Please provide specific emission reduction credits, including their specific locations and quantities that are earmarked for the project.
Appendix B (g) (8) (K)	A detailed description of the mitigation, if any, which an applicant may propose, for all projects impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule.	Section 8.1.3.7, p. 39-43 Tables 8.1-17 to 20 <u>AFC Supplement A, Air-9</u>	No <u>Yes</u>	Please provide specific information on the proposed mitigation and the progress of acquiring the mitigation.
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Table 8.1-21, p. 44-53	Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-22, p. 55	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Table 8.1-22, p. 55	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Air Quality**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Tuan Ngo
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 8.1-23, p. 55	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Technical Area: **Biological Resources**

Project: Community Power Project

Technical Staff: Brian McCollough

Project Manager: Che McFarlin

Docket: 07-AFC-7

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing site conditions: Vol. 1, Chap 1, Section 1.7.16, pg. 19; Chap 8.16, pgs. 1-47 Vol. 2, Appendix 8.16-3, pgs. 1-17 & Appendix A Vol. 3, Chap. 1.0, Figs. 1-1 thru 1-5	Yes	
		Direct, indirect, and cumulative impacts: Vol. 1, Chap 1 Section 1.7.16, pg. 19; Chap 8.16, pgs. 1-47 Vol. 2, Appendix 8.16-3, pgs. 8-9	Yes	
		Mitigation measures: Vol. 1, Chap 1, pg. 19 Section 1.7.16; Chap 8.16, pgs. 1-47 Vol. 2, Appendix 8.16-3, pgs. 9-13	Yes	
		Monitoring plans: Vol. 1, Chap 8.16, pgs. 1-47 Vol. 2, Appendix 8.16-3, pgs. 10-11	Yes	
Appendix B (g) (13) (A)	A regional overview and discussion of terrestrial and aquatic biological resources, with particular attention to sensitive biological resources within ten (10) miles of the project. Include a map at a scale of 1:100,000 (or other suitable scale) showing sensitive biological resource location(s) in relation to the project site and related facilities and any boundaries of a local Habitat Conservation Plan or similar open space land use plan or designation. Sensitive biological resources include the following:	Regional overview: Vol. 1, Chap 8.16, Section 8.16.2.1, pg. 1	Yes	
		Regional vicinity map: Vol. 3, Chap. 8.16, Fig. 8.16-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Technical Area: **Biological Resources**

Project: Community Power Project

Technical Staff: Brian McCollough

Project Manager: Che McFarlin

Docket: 07-AFC-7

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (A) (i)	species listed under state or federal Endangered Species Acts;	Vol. 2, Appendix 8.16-5, pgs. 1-18	Yes	
Appendix B (g) (13) (A) (ii)	resources defined in sections 1702(q) and (v) of Title 20 of the California Code of Regulations;	Vol. 2, Appendix 8.16-6, pgs. 1-10, Appendix 8.16-7, pgs. 1-17	Yes	
Appendix B (g) (13) (A) (iii)	species identified as state Fully Protected;	Vol. 2, Appendix 8.16-7, pgs. 1-17	Yes	
Appendix B (g) (13) (A) (iv)	species covered by Migratory Bird Treaty Act;	Vol. 1, Chap 8.16, Section 8.16.3.3, pgs. 9&11-13	Yes	
Appendix B (g) (13) (A) (v)	species and habitats identified by local, state, and federal agencies as needing protection, including but not limited to those identified by the California Natural Diversity Database, or where applicable, in Local Coastal Programs or in relevant decisions of the California Coastal Commission; and	Vol. 1, Chap 8.16, Section 8.16.4, pg. 18&23, Vol. 2, Appendix 8.16-2, 11 pgs. Vol. 2, Appendix 8.16-4, 4 pgs.	Yes	
Appendix B (g) (13) (A) (vi)	fish and wildlife species that have commercial and/or recreational value.	Vol. 1, Chap 8.16, Section 8.16.3.3, pgs. 8&11-13	Yes	
Appendix B (g) (13) (B)	Include a list of the species actually observed and those with a potential to occur within 1 mile of the project site and 1,000 feet from the outer edge of linear facility corridors. Maps or aerial photographs shall include the following:	Actually observed: Vol. 1, Chap 8.16, Section 8.16.3.3 pgs. 8-13 Potential to occur: Vol. 2, Appendix 8.16-2, 11 pgs.	Yes Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Technical Area: **Biological Resources**

Project: Community Power Project

Technical Staff: Brian McCollough

Project Manager: Che McFarlin

Docket: 07-AFC-7

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (B) (i)	Detailed maps at a scale of 1:6,000 or color aerial photographs taken at a recommended scale of 1 inch equals 500 feet (1:6,000) with a 30 percent overlap that show the proposed project site and related facilities, biological resources including, but not limited to, those found during project-related field surveys and in records from the California Natural Diversity Database, and the associated areas where biological surveys were conducted. Label the biological resources and survey areas as well as the project facilities;	Vol. 3, Chap. 8.16, Fig. 8.16-2, pgs. 1-58	Yes	
Appendix B (g) (13) (B) (ii)	A depiction of the extent of the thermal plume at the surface of the water if cooling water is proposed to be discharged to a water source. Provide the location for the intake and discharge structures on an aerial photograph(s) or detailed maps. Water sources include, but are not limited to, waterways, lakes, impoundments, oceans, bays, rivers, and estuaries; and		N/A	
Appendix B (g) (13) (B) (iii)	An aerial photo or wetlands delineation maps at a scale of (1:2,400) showing any potential jurisdictional and non-jurisdictional wetlands delineated out to 250 feet from the edge of disturbance if wetlands occur within 250 feet of the project site and/or related facilities that would be included with the US Army Corps of Engineers Section 404 Permit application. For projects proposed to be located within the coastal zone, also provide aerial photographs or maps as described above that identify wetlands as defined by the Coastal Act.	Vol. 2, Appendix 8.16-3, Appendix A, 5 pgs.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Technical Area: **Biological Resources**

Project: Community Power Project

Technical Staff: Brian McCollough

Project Manager: Che McFarlin

Docket: 07-AFC-7

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (C)	A discussion of the biological resources at the proposed project site and related facilities. Related facilities include, but are not limited to, laydown and parking areas, gas and water supply pipelines, transmission lines, and roads. The discussion shall address the distribution of vegetation community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and other appropriate biological resources including the following:	Project features and biological resources discussion: Vol. 1, Chap 8.16	Yes	
Appendix B (g) (13) (C) (i)	A list of all the species actually observed;	Vol. 1, Chap 8.16, Section 8.16.3.3 pgs. 8-13	Yes	
Appendix B (g) (13) (C) (ii)	A list of sensitive species and habitats with a potential to occur (as defined in (A) above); and	Vol. 2, Appendix 8.16-2, 11 pgs.	Yes	
Appendix B (g) (13) (C) (iii)	If cooling water is taken directly from or discharged to a surface water feature source, include a description of the intake structure, screens, water volume, intake velocity hydraulic zone field of influence, and the thermal plume dispersion area as depicted in response to B(ii) above. Describe the thermal plume size and dispersion under high and low tides, and in response to local currents and seasonal changes. Provide a discussion of the aquatic habitats, biological resources, and critical life stages found in these affected waters. For repower projects that anticipate no change in cooling water flow, this information shall be provided in the form of the most recent federal Clean Water Act 316(a) and (b) studies of entrainment and impingement impacts that has been completed within the last five (5) years. For new projects or repower projects proposing to use once-through cooling and anticipating an increase in cooling water flow, provide a complete impingement and entrainment analysis per guidance in (D)(ii), below.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Biological Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Brian McCollough
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (D)	A description and results of all field studies and seasonal surveys used to provide biological baseline information about the project site and associated facilities. Include copies of the California Natural Diversity Database records and field survey forms completed by the applicant's biologist(s). Identify the date(s) the surveys were completed, methods used to complete the surveys, and the name(s) and qualifications of the biologists conducting the surveys. Include:	<p>Survey methods & results: Vol. 1, Chap 8.16, Section 8.16.3.3, pgs. 8-13, pgs. 7-13</p> <p>CNDDDB records: Vol. 2, Appendix 8.16-2, 10 pgs.</p> <p>Resumes: Vol. 2, Appendix 8.16-8, 10 pgs.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (D) (i)	Current biological resources surveys conducted using appropriate field survey protocols during the appropriate season(s). State and federal agencies with jurisdiction shall be consulted for field survey protocol guidance prior to surveys if a protocol exists;	<p>Protocol surveys: Vol. 2, Appendix 8.16-11, 15 pgs. Vol. 2, Appendix 8.16-13, 5 pgs.</p> <p><u>AFC Supplement A, Bio-1</u></p> <p>Surveys during appropriate season(s):</p>	<p><u>No</u> <u>Yes</u></p> <p><u>No</u> <u>Yes</u></p>	<p>Provide a discussion that includes the reasoning behind the absence of protocol level surveys for sensitive species where these protocols are currently in place. If advised that these protocol level surveys were not necessary, provide the names and phone numbers of agency contacts that gave this advice.</p> <p>If protocol surveys are pending, indicate the appropriate seasons in which they will occur.</p>

Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Biological Resources

Project: Community Power Project

Technical Staff: Brian McCollough

Che McFarlin

Docket: 07-AFC-7

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (D) (ii)	If cooling water is proposed to be taken directly from or discharged to a surface water feature source, seasonal aquatic resource studies and surveys shall be conducted. Aquatic resource survey data shall include, but is not limited to, fish trawls, ichthyoplankton and benthic sampling, and related temperature and water quality samples. For new projects or repower projects anticipating a change in cooling water flows, sampling protocols shall be provided to the Energy Commission staff for review and concurrence prior to the start of sampling. For repower projects not anticipating a change in cooling water flows, this information shall be provided in the form of the most recent federal Clean Water Act 316(b) impingement and entrainment impact study completed within five (5) years of the AFC filing date; and		N/A	
Appendix B (g) (13) (D) (iii)	If the project or any related facilities could impact a jurisdictional or non-jurisdictional wetland, provide completed Army Corps of Engineers wetland delineation forms and/or determination of wetland status pursuant to Coastal Act requirements, name(s) and qualifications of biologist(s) completing the delineation, the results of the delineation and a table showing wetland acreage amounts to be impacted.	Wetland status: Vol. 2, Appendix 8.16-3, pgs. 1-17, Appendix A, 5 pgs., Appendix B, 2 pgs., Appendix C, 1 pg., Appendix D, 1 pg., Appendix E, 1 pg. Delineation Forms: <u>AFC Supplement A, Bio-2</u>	Yes No <u>Yes</u>	Provide copies of field survey forms showing raw data that are the basis for the summary information presented in Volume 1, Section 8.16.3.5 of the AFC.
Appendix B (g) (13) (E)	Impacts discussion of the following:	--	--	
Appendix B (g) (13) (E) (i)	all impacts (direct, indirect, and cumulative) to biological resources from project site preparation, construction activities, plant operation, maintenance, and closure. Discussion shall also address sensitive species habitat impacts from cooling tower drift and air emissions;	<u>Impacts:</u> Vol. 1, Chap 8.16, Section 8.16.4, pgs. 15-22 <u>Air emissions impacts:</u> Vol. 1, Chap 8.16, Section 8.16.4.2, pgs. 20-21	Yes Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date November 20, 2007

Technical Area: **Biological Resources**

Project: Community Power Project

Technical Staff: Brian McCollough

Project Manager: Che McFarlin

Docket: 07-AFC-7

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (E) (ii)	facilities that propose to take water directly from, and/or discharge water to surface water features, daytime and nighttime impacts from the intake and discharge of water during operation, water velocity at the intake screen, the intake field of influence, impingement, entrainment, and thermal discharge. Provide a discussion of the extent of the thermal plume, effluent chemicals, oxygen saturation, intake pump operations, and the volume and rate of cooling water flow at the intake and discharge location; and		N/A	
Appendix B (g) (13) (E) (iii)	Methods to control biofouling and chemical concentrations, and temperatures that are currently being discharged or will be discharged to receiving waters.		N/A	
Appendix B (g) (13) (F)	A discussion of all feasible mitigation measures including, but not limited to the following:	--	--	
Appendix B (g) (13) (F) (i)	All measures proposed to avoid and/or reduce adverse impacts to biological resources;	Vol. 1, Chap 8.16, Section 8.16.4.4., pgs. 22-24	Yes	
Appendix B (g) (13) (F) (ii)	All off-site habitat mitigation and habitat improvement or compensation, and an identification of contacts for compensation habitat and management;		N/A	
Appendix B (g) (13) (F) (iii)	Design features to better disperse or eliminate a thermal discharge;		N/A	
Appendix B (g) (13) (F) (iv)	All measures proposed to avoid or minimize adverse impacts of cooling water intake. This shall include a Best Technology Available (BTA) discussion. If BTA is not being proposed, the rationale for not selecting BTA must be provided; and		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Biological Resources**

Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project

Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007

Technical Staff: Brian McCollough

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (F) (v)	Educational programs to enhance employee awareness during construction and operation to protect biological resources.	Employee awareness training: <u>AFC Supplement A, Bio-3</u>	No <u>Yes</u>	Provide a discussion of a Worker Environmental Awareness Program that would be implemented for employees.
Appendix B (g) (13) (G)	A discussion of compliance and monitoring programs to ensure the effectiveness of impact avoidance and mitigation measures incorporated into the project.	Compliance and mitigation monitoring: <u>AFC Supplement A, Bio-4</u>	No <u>Yes</u>	Provide a discussion of proposed compliance monitoring for biological resources to be incorporated into the project.
Appendix B (g) (13) (H)	Submit copies of any preliminary correspondence between the project applicant and state and federal resource agencies regarding whether federal or state permits from other agencies such as the U. S. Fish and Wildlife Service, the National Marine Fisheries Service, the U.S. Army Corps of Engineers, the California Department of Fish and Game, and the Regional Water Quality Control Board will be required for the proposed project.	Vol. 2, Appendix 8.16-9, 5 pgs.	Yes	
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Vol. 1, Chap. 8.16, Section 8.16.5, pgs. 24-28	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Biological Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET
 Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Brian McCollough
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Vol. 1, Chap. 8.16, Section 8.16.5, pgs. 24-28	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Vol. 1, Chap. 8.16, Section 8.16.6, pg. 32	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Vol. 1, Chap. 8.16, Section 8.16.7, pg. 33	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Cultural Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Dorothy Torres
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>A discussion of existing site conditions: AFC Vol. 1, Sec. 8.14.2, pp. 1-2.</p> <p>Direct, indirect and cumulative impacts due to Project: AFC Vol. 1, Sec. 8.14.4.2, pp. 19-21, and Sec. 8.14.4.4, p. 24; Confidential Filing Archaeological Survey Report (ASR), p. 29; Historical Resources Inventory and Evaluation Report (HRIER), Sec. 5.3, p. 32.</p> <p>Mitigation measures for known impacts, effectiveness, and monitoring plans: AFC Vol. 1, Sec. 8.14.4.3, pp. 21-23; Confidential Filing ASR, pp. 29-30 and Summary of Findings, p. ii.</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (2) (A)	A summary of the ethnology, prehistory, and history of the region with emphasis on the area within no more than a 5-mile radius of the project location.	Summary of the ethnology, prehistory, and history of the region with emphasis on a 5-mile radius: AFC Vol. 1, Sec. 8.14.2.2, pp. 2-7; Confidential Filing ASR, pp. 5-10.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Cultural Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Dorothy Torres
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (B)	<p>The results of a literature search to identify cultural resources within an area not less than a 1-mile radius around the project site and not less than one-quarter (0.25) mile on each side of the linear facilities. Identify any cultural resources listed pursuant to ordinance by a city or county, or recognized by any local historical or archaeological society or museum. Literature searches to identify the above cultural resources must be completed by, or under the direction of, individuals who meet the Secretary of the Interior's Professional Standards for the technical area addressed.</p> <p>Copies of California Department of Parks and Recreation (DPR) 523 forms (Title 14 CCR §4853) shall be provided for all cultural resources (ethnographic, architectural, historical, and archaeological) identified in the literature search as being 45 years or older or of exceptional importance as defined in the National Register Bulletin Guidelines, (36CFR60.4(g)). A copy of the USGS 7.5' quadrangle map of the literature search area delineating the areas of all past surveys and noting the California Historical Resources Information System (CHRIS) identifying number shall be provided. Copies also shall be provided of all technical reports whose survey coverage is wholly or partly within .25 mile of the area surveyed for the project under Section (g)(2)(C), or which report on any archaeological excavations or architectural surveys within the literature search area.</p>	<p>Results of literature search: HRIER Sec. 8.14.3.4, p.18; Confidential Filing ASR, pp. 13-15.</p> <p>Cultural resources listed under city or county ordinance: Confidential Filing ASR, Appendix A</p> <p>Cultural resources recognized by local societies: AFC Vol. 1, Sec. 8.14.3.6, p. 19; Confidential Filing ASR, App. A.</p> <p>Person who meets Secretary of Interior's standards for technical area: AFC Vol. 1, Sec. 8.14.3.2, p. 11 and Confidential Filing ASR, Appendix. D; HRIER, p. 35.</p> <p>DPR 523s for known archaeological resources: Confidential Filing ASR, App. C; for known historical resources: HRIER, App. B.</p> <p>Copy of USGS 7.5 quadrangle map of literature search area and delineating the areas of all past surveys and noting CHRIS' survey identifying numbers.</p> <p><u>AFC Supplement A, Cul-1</u></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No <u>Yes</u></p>	<p>Because no legend was provided, it is not clear whether the submitted "Southern San Joaquin Valley Information Center Record Search Results Map Nos. 1-11," are intended to depict the literature search area and the coverage of past surveys, as required in the Regulations. If that was the intention, please add a color-coded legend for these maps indicating the literature search area and the coverage of past surveys (with report numbers).</p>

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Cultural Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Dorothy Torres
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	The results of new surveys or surveys less than 5 years old shall be provided if survey records of the area potentially affected by the project are more than five (5) years old. Surveys to identify new cultural resources must be completed by (or under the direction of) individuals who meet the Secretary of the Interior's Professional Standards for the technical area addressed.	Qualifications of surveyor and author of survey technical report: AFC Vol. 1, Sec. 8.14.3.2, p. 11 and Confidential Filing ASR, Appendix D; HRIER, p .35.	Yes	
	New pedestrian archaeological surveys shall be conducted inclusive of the project site and project linear facility routes, extending to no less than 200' around the project site, substations and staging areas, and to no less than 50' to either side of the right-of-way of project linear facility routes. New historic architecture field surveys in rural areas shall be conducted inclusive of the project site and the project linear facility routes, extending no less than .5 mile out from the proposed plant site and from the routes of all above-ground linear facilities. New historic architecture field surveys in urban and suburban areas shall be conducted inclusive of the project site, extending no less than one parcel's distance from all proposed plant site boundaries. New historic architecture field reconnaissance ("windshield survey") in urban and suburban areas shall be conducted along the routes of all linear facilities to identify, inventory, and characterize structures and districts that appear to be older than 45 years or that are exceptionally significant, whatever their age.	New survey coverage archaeology: AFC Vol. 1, Sec. 8.14.3.2, pp. 11-12 and Confidential Filing ASR, p.12.	Yes	
		New survey coverage architecture: Sec. 8.14.3.4, p.18 and HRIER pp. 4-5.	Yes	
	A technical report of the results of the new surveys, conforming to the Archaeological Resource Management Report format (CA Office of Historic Preservation Feb 1990), which is incorporated by reference, shall be separately provided and submitted (under confidential cover if archaeological site locations are included).	Technical report for new archaeology survey: Confidential Filing ASR, pp. 13-30 and Appendix C.	Yes	
		Technical report for new architectural survey: HRIER p.1-39 and Appendix B.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Cultural Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Dorothy Torres
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C) cont.	Information included in the technical report shall also be provided in the Application for Certification, except that confidential information (archaeological sites or areas of religious significance) shall be submitted under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq. At a minimum, the technical report shall include the following:	AFC includes tech report data: Vol. 1, Sec. 8.14. Information that may include the location of archaeological sites or areas of religious significance: Confidential Filing ASR.	Yes Yes	
Appendix B (g) (2) (C) (i)	The summary from Appendix B (g)(2)(A) and the literature search results from Appendix B (g)(2)(B);	Summary from Appendix B (g)(2)(A): Confidential Filing ASR, pp.5-10. Summary from Appendix B(g)(2)(B): Confidential Filing ASR, pp. 13-15.	Yes Yes	
Appendix B (g) (2) (C) (ii)	The survey procedures and methodology used to identify cultural resources and a discussion of the cultural resources identified by the survey;	Survey procedures and methodology: Confidential Filing ASR, pp. 11-12. Survey procedures and methodology: HRIER pp. 3-5.	Yes	
Appendix B (g) (2) (C) (iii)	Copies of all new and updated DPR 523(A) forms. If a cultural resource may be impacted by the project, also include the appropriate DPR 523 detail form for each such resource;	Copies of new and updated DPR 523(A) forms: Confidential Filing ASR, Appendix C and HRIER, Appendix B.	Yes	
Appendix B (g) (2) (C) (iv)	A map at a scale of 1:24,000 U.S. Geological Survey quadrangle depicting the locations of all previously known and newly identified cultural resources compiled through the research required by Appendix B (g)(2)(B) and Appendix B (g)(2)(C) (ii); and	A map at scale of 1:24,000 US Geo quad: Confidential Filing ASR, Appendix. A, Figures 1-7; HRIER, App. A. <u>AFC Supplement A, Cul-2</u>	No <u>Yes</u>	Please prepare a map(s) at a scale of 1:24,000 U.S. Geological Survey quadrangle depicting the locations of all previously known and newly identified cultural resources. Please clearly indicate previously recorded sites by tri-nomial or CHRIS temporary number.
Appendix B (g) (2) (C) (v)	The names and qualifications of the cultural resources specialists who contributed to and were responsible for literature searches, surveys, and preparation of the technical report.	Names and qualifications of specialists who conducted survey and authored report: Confidential Filing ASR, App. D; and HRIER, p. 35.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Cultural Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Dorothy Torres
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (D)	Provide a copy of your request to the Native American Heritage Commission (NAHC) for information on Native American sacred sites and lists of Native Americans interested in the project vicinity, and copies of any correspondence received from the NAHC. Notify the Native Americans on the NAHC list about the project, including a project description and map. Provide a copy of all correspondence sent to Native American individuals and groups listed by the NAHC and copies of all responses. Provide a written summary of any oral responses.	NAHC request: Confidential Filing ARS, App. B. NAHC response: Confidential Filing ARS, App. B. Letters sent to Native Americans and responses: Confidential Filing ARS, App. B.	Yes Yes Yes	
Appendix B (g) (2) (E)	Include in the discussion of proposed mitigation measures required by subdivision (g)(1):	Proposed mitigation measures: AFC Vol. 1, Sec. 8.14.4, pp.19-24.	Yes	
Appendix B (g) (2) (E) (i)	A discussion of measures proposed to mitigate project impacts to known cultural resources;	Proposed mitigation measures for impacts to known cultural resources AFC Vol. 1, Sec. 8.14.3.4 p.18, and Sec. 8.14.4.3, p.21.	Yes	
Appendix B (g) (2) (E) (ii)	A set of contingency measures proposed to mitigate potential impacts to previously unknown cultural resources and any unanticipated impacts to known cultural resources; and	Contingency mitigation measures: AFC Vol. 1, Sec. 8.14.4.3, pp.21-24; Confidential Filing ASR, pp. 29-30.	Yes	
Appendix B (g) (2) (E) (iii)	Educational programs to enhance employee awareness during construction and operation to protect cultural resources.	Worker education program: AFC Vol. 1, p. 22.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Cultural Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Dorothy Torres
 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Tables identifying applicable LORS: AFC Vol. 1, Table 8.14-4, p. 25 Conformance with law discussed: AFC Vol. 1, Table 8.14-4, p. 25.	Yes Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables identifying each agency: AFC Vol. 1, Table 8.14-5, p.31. Permit authority: AFC Vol. 1, Sec. 8.14.7, p.31.	Yes Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Name, title and phone number of agency representatives: AFC Vol. 1, Sec. 8.14.6, p.31.	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Schedule indicating when permits outside the authority of the commission will be obtained: AFC Vol. 1, Sec. 8.14.7, p.31.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Che McFarlin
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Throughout AFC	N/A	Please see the individual technical areas for a determination regarding the adequacy of this item
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Throughout AFC	N/A	Please see the individual technical areas for a determination regarding the adequacy of this item
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Throughout AFC	N/A	Please see the individual technical areas for a determination regarding the adequacy of this item.
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Appendix 1-3	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply routes and facilities, water supply routes and facilities, pollution control systems, and other general characteristics.	Chapter 2, Sections 2.1-2.9.4, pages 1 to 35 Chapter 3, Sections 3.1-3.4.3, pages 1 to 4 Chapter 4, Section 4.1-4.3, pages 1 to 2 Chapter 5, Sections 5.1-5.5, pages 1 to 7 Chapter 6, Sections 6.1-6.7, pages 1 to 6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Che McFarlin
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessor's parcel numbers.	Chapter 1, Sections 1.1 page 1, and 1.3, Table 1-1, page 6 Figure 2-7	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Chapter 1, Section 1.3, page 5 Chapter 2, Section 2.1, 2.3, pages 1 to 2 Volume 3, Figures 1-1, 1-2, 1-3, 1-4, 1-5, 2-10	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Volume 3, Figures 1-4 and 1-5	Yes	
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix 1-1	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Chapter 1, Section 1.5, page 7, Table 1-2 Chapter 2, Section 2.7, page 25, Table 2-2 <u>AFC Supplement A, PO-1</u>	No <u>Yes</u>	Provide a more detailed schedule which show's the duration from initiation to completion of construction.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Che McFarlin
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Chapter 1, Section 1.4	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Chapter 1, Section 1.4	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Chapter 1, Section 1.2, pages 1 to 3	Yes	
Appendix B (b) (1)	In a section entitled, "Generation Facility Description, Design, and Operation" provide the following information:	Chapter 2, Section 2.5 pages	N/A	
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), (or appropriate map scale agreed to by staff) along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Volume 3, Figure 1-3, pages 1 to 9, Figure 2-7 AFC Supplement A, PO-2 <u>Revised Figures 1-3 and 2-7</u>	No <u>Yes</u>	Provide the section, township, range, county, and county assessor's parcel number for the proposed water, gas, or transmission interconnection routes.
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities to establish the accuracy of the photo simulations required in Sections (a)(1)(D) and (g)(6)(F);	Figures 2-3, 2-4, 2-5, and 2-6	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Chapter 2, Sections 2.5 to 2.9.5.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Che McFarlin
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Chapter 9, Section 9.5 to 9.14, pages 4 to 43	Yes	
Appendix B (b) (2)	In a section entitled, "Transmission Lines Description, Design, and Operation" provide the following information:	Chapter 4, Section 4.3	N/A	
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s);	Volume 3, Figures 1-3, 2-10, and 2-11	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Volume 3, Figures 8.3-5, and 8.3-10	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as powerlines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights-of-way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators.	Chapter 2, sections 2.5.7 and 2.6, pages 9 to 11, and 25 Chapter 4, pages 1 to 17 <u>Chapter 4, section 4.3, page 3.</u> <u>AFC Supplement A, PO-3</u>	No <u>Yes</u>	Please provide the width of right-of-way necessary to construct and operate the proposed transmission lines.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Project Overview**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Che McFarlin
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints; and	Chapter 9, Section 9.7, pages 17 to 23	Yes	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Chapter 7	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.13.2 Project Description, pages 1&2. Section 8.13.3 Environmental Consequences, pages 12 to 29. Section 8.13.3.4 Cumulative Impacts, pages 30&31. Section 8.13.3.5 Mitigation Measures, page 31. Section 8.13.4 Environmental Justice, pages 31 to 34.	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:			
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Section 8.13.2.4 Economy and Employment, pages 5 to 7. Section 8.13.2.5 Fiscal Resources, pages 7&8.	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Section 8.13.2.2 Population, pages 2&3.	Yes	
Appendix B (g) (7) (A) (iii)	Existing unemployment rates;	Section 8.13.2.4 Economy and Employment, page 7.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Section 8.13.2.4 Economy and Employment, pages 5 to 7. Table 8.13-10 Estimated and Projected Available Labor by Occupation in Fresno MSA KRCD CPP, page 20. Table 8.13-12 Estimated and Projected Available Labor by Occupation in Tulare County KRCD CPP, page 22.	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing and current vacancy rate; and	Section 8.13.2.3 Housing, pages 3 to 5. Section 8.13.3 Environmental Consequences, Housing Impacts, pages 22 to 23. <u>AFC Supplement A, Socio-1</u>	No <u>Yes</u>	Please provide the current vacancy rates for temporary housing (and date) i.e., the 700 hotel/motel rooms in the City of Fresno discussed in the AFC.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes for the duration of the project schedule.	Section 8.13.2.6 Education, pages 8&9. Section 8.13.2.7 Public Services and Facilities, pages 9 to 12. Section 8.13.2.1 Project Description, pages 1&2. Section 3.4.1 Fuel Availability, pages 3&4. Section 3.4.3 Process Water Source Availability, page 4. Section 3.4.4 Water Treatment Reliability, page 4. Section 3.4.5 Water Management Reliability, page 5. Section 3.4.5 Waste Management Reliability, page 5.	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project (note year of estimate, model, if used, and appropriate sources), including:			
Appendix B (g) (7) (B) (i)	An estimate of the number of workers to be employed each month by craft during construction, and for operations, an estimate of the number of permanent operations workers during a year;	Section 8.13.3.2 Construction Impacts, pages 13, 14, and 19. Table 8.13-9 Plant Construction Personnel by Discipline-Fresno County KRCD CPP, pages 15 to 19. Table 8.13-11 Plant Construction Personnel by Discipline-Tulare County KRCD CPP, page 21.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (ii)	An estimate of the percentage of non-local workers who will relocate to the project area to work on the project;	Section 8.13.3.2 Construction Impacts, Population, page 22 and Impacts to the Local Economy and Employment, page 23. Section 8.13.3.3 Operational Impacts, Operational Workforce and Population, page 26 and Impacts on Education, page 29.	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Section 8.13.3.2 Construction Impacts, Population Impacts, page 22. Section 8.13.3.3 Operational Impacts, Population Impacts, page 26.	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 8.13.3.3 Operational Impacts, Housing Impacts, page 27.	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water, and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. Include response times to hospitals and for police, and emergency services. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operating phases;	Section 8.13.3.2 Construction Impacts, Impacts on Education, page 25. Impacts on Public Services and Facilities, pages 25&26. Impacts on Utilities, page 26. Section 8.13.3.3 Operational Impacts, Impacts on Education, page 29. Impacts on Public Services and Facilities, page 29. Impacts on Utilities, page 29.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	No information provided. <u>AFC Supplement A, Socio-2.</u>	No <u>Yes</u>	Please provide an estimate of applicable school impact fees.
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and separate estimates of the total operation payroll for permanent and short-term (contract) operations employees;	Section 8.13.3.2 Construction Impacts, Impacts to the Local Economy and Employment, page 23. Section 8.13.3.3 Operational Workforce Impacts to the Local Economy and Employment, Page 27. <u>AFC Supplement A, Socio-3</u>	No <u>Yes</u>	Please provide separate estimates of the total operation payroll for permanent and short-term (contract) operation employees.
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project;	Section 8.13.3.2 Construction Impacts, Impacts to the Local Economy and Employment, page 23. Section 8.13.3.3 Operational Impacts, Impacts to the Local Economy and Employment, page 27.	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost (plant and equipment) of the project;	Section 8.13.3.2 Construction Impacts, Impacts to the Local Economy and Employment, page 23.	Yes	
Appendix B (g) (7) (B) (x)	An estimate of sales taxes generated during construction and separately during an operational year of the project;	Section 8.13.3.2 Construction Impacts, Fiscal Impacts, page 25. Section 8.13.3.3 Operational Impacts, Fiscal Impacts, page 28.	Yes	
Appendix B (g) (7) (B) (xi)	An estimate of property taxes generated during an operational year of the project; and	Section 8.13.3.3 Operational Impacts, Fiscal Impacts, page 28.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (xii)	The expected direct, indirect, and induced income and employment effects due to construction, operation, and maintenance of the project.	Section 8.13.3.2 Construction Impacts, Impacts to the Local Economy and Employment & Indirect and Induced Economic Impacts from Construction, Fresno County and Tulare County, pages 23 & 24. Section 8.13.3.3 Operational Impacts, Impacts to the Local Economy and Employment and Indirect and Induced Economic Impacts From Operation, page 27.	Yes	
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 8.13.5 Laws, Ordinances, Regulations, and Standards, Table 8.3-17 Socioeconomic LORS KRCD CPP, page 34.	Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.13.6 Involved Agencies and Agency Contacts, Table 8.13-18 Agencies and Agency Contacts KRCD CPP, pages 35 & 36.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Socioeconomics**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Joseph Diamond Ph. D.
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Same as above.	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.13.3.5 Mitigation Measures, page 31. Section 8.13.7 Required Permits and Schedules, page 36.	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Soils**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Christopher Dennis
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Affected Environment, Section 8.12.2, p. 1 Environmental Consequences, Section 8.12.3, p. 11 Cumulative Impacts, Section 8.12.3.4, p. 16 Mitigation Measures, Section 8.12.3.5, p. 16 Potentially Affected Contaminated Soil, Section 8.12.2.3, p. 9 Phase I Environmental Assessment, Appendix 8.9-1 Phase II Environmental Assessment, Appendix 8.9-2 <u>AFC Supplement A, Soils-1</u>	No <u>Yes</u>	A discussion of the method for measuring the effectiveness of the proposed mitigation measures and any monitoring plans proposed to verify the effectiveness of the mitigation is required. If no monitoring plan is proposed, please explain the rationale.
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Soils, Figure 8.12-1	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil;	Summary of Soil Map Units and Series Properties within the Project Area, Table 8.12-1	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system;	Potentially Affected Soils, Section 8.12.2.2, p. 2 Summary of Soil Map Units and Series Properties within the Project Area, Table 8.12-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Soils**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Christopher Dennis
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (15) (A) (iii)	The location of any proposed fill disposal or fill procurement (borrow) sites; and	Construction Impacts , Section 8.12.3.2, p. 12 Cut and Fill Calculation , Appendix 8.12-4	Yes	
Appendix B (g) (15) (A) (iv)	The location of any contaminated soils that could be disturbed by project construction.	Potentially Affected Contaminated Soil , Section 8.12.2.3, p. 9 Letter from Fresno County , Appendix 8.12-2 Phase I Environmental Assessment , Appendix 8.9-1 Phase II Environmental Assessment , Appendix 8.9-2 EDR Corridor Study , Appendix 8.12-3	Yes	
Appendix B (g) (15) (B)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Construction Impacts , Section 8.12.3.2, p. 12 Operation and Maintenance Impacts , Section 8.12.3.3, p. 15 Potentially Affected Soils , Section 8.12.2.3, p. 9	Yes	
Appendix B (g) (15) (B) (i)	The quantification of accelerated soil loss due to wind and water erosion; and	Potentially Affected Soils , Section 8.12.2.2, p. 2 <u>AFC Supplement A, Soils-2</u>	No <u>Yes</u>	Please provide a quantification of soil loss due to wind and water erosion.
Appendix B (g) (15) (B) (ii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Not available <u>AFC Supplement A, Soils-3</u>	No <u>Yes</u>	Please provide a discussion of the effect of the power plant emissions on the surrounding soil-vegetation systems.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Soils**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Christopher Dennis
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Soil Laws, Ordinances, Regulations, and Standards, Table 8.12-4, p. 18	Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Soil Laws, Ordinances, Regulations, and Standards, Table 8.12-4, p. 18 Permits, Section 8.12.6, p. 20	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Involved Agencies and Contacts, Section 8.12.5, p. 20	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permits, Section 8.12.6, p. 20	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Traffic and Transportation**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: James Adams
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	PP. 1-25 Section 8.6	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure 8.6-1 Section 8.6	Yes	
Appendix B (g) (5) (B)	If the proposed project including any linear facility is to be located within 20,000 feet of an airport runway that is at least 3,200 feet in actual length, or 5,000 feet of a heliport (or planned or proposed airport runway or an airport runway under construction, that is the subject of a notice or proposal on file with the Federal Aviation Administration), discuss the project's compliance with the applicable sections of the current Federal Aviation Regulation Part 77 – Objects Affecting Navigable Airspace, specifically any potential to obstruct or impede air navigation generated by the project at operation; such as, a thermal plume, a visible water vapor plume, glare, electrical interference, or surface structure height. The discussion should include a map at a scale of 1:24,000 that displays the airport or airstrip runway configuration, the proposed power plant site and related facilities.	Pg. 8 Section 8.6.2.10	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Traffic and Transportation**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: James Adams
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (C)	An identification, on topographic maps at a scale of 1:24,000, and a description of existing and planned roads, rail lines, (including light rail), bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Figure 8.6-2, PP. 1 through 9 Section 8.6	Yes	
Appendix B (g) (5) (C) (i)	Road classification and design capacity;	PP. 3 through 7 Section 8.6.2 <u>AFC Supplement A, Traffic-1</u>	No <u>Yes</u>	Please provide road design capacities.
Appendix B (g) (5) (C) (ii)	Current daily average and peak traffic counts;	Pg. 9 Section 8.6.3 <u>AFC Supplement A, Traffic-2</u>	No <u>Yes</u>	Please provide current daily average and peak traffic counts.
Appendix B (g) (5) (C) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	PP. 4 through 7 Tables 8.6-3 & 4 Section 8.6.2.5 & 6.3.2	Yes	
Appendix B (g) (5) (C) (iv)	Weight and load limitations;	Pg 12 Section 8.6.3.2 <u>AFC Supplement A, Traffic-3</u>	No <u>Yes</u>	Please provide weight and load limitations.
Appendix B (g) (5) (C) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	<u>AFC Supplement A, Traffic-4</u>	No <u>Yes</u>	Please provide estimated percentage of current traffic flows for passenger vehicles and trucks.
Appendix B (g) (5) (C) (vi)	An identification of any road features affecting public safety.	<u>AFC Supplement A, Traffic-5</u>	No <u>Yes</u>	Please identify any road features affecting public safety.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Traffic and Transportation**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: James Adams
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified in subsection (g)(5)(C). Also include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	PP. 10 through 15 Section 8.6.3 <u>AFC Supplement A, Traffic-6</u>	No <u>Yes</u>	Please provide an assessment of the construction and operation impacts of the proposed project on the Union Pacific rail line, school bus routes, and Selma Airport. Also include anticipated project-specific traffic estimated changes to daily average and peak traffic counts.
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	PP. 15 & 16 Table 8.6-6 Section 8.6.3.3 <u>AFC Supplement A, Traffic-7</u>	No <u>Yes</u>	Please provide a discussion of project-related hazardous materials to be transported to or from the project during construction, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	PP. 18 & 19 Table 8.6-7 Section 8.6.5	Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	PP. 22-& 23 Tables 8.6-8 Section 8.6.6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Traffic and Transportation**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: James Adams
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	PP. 22 & 23 Table 8.6-8 Section 8.6.6	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 23 Table 8.6-9 Section 8.6.6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission System Design**
 Project Manager: Che MaFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Laiping Ng
 Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 1.3 Page 5 to 6 Section 4.1-4.3 Page 1 to 3	Yes	
Appendix B (h) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 4.1-4.3 Page 1 to 3	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators.	Section 4.1-4.4 Page 1 to 5 Figure 4.1 to Figure 4.4 <u>McCall Substation one-line diagram received from PG&E on 11/13/2007</u>	No <u>Yes</u>	1. Provide a one-line diagram for the McCall Substation before the interconnection of the project. 2. Provide a one-line diagram for the McCall Substation after the addition of the project. Show all equipment ratings including bay arrangement of the breakers, disconnect switches, buses, and etc. which are required for the addition of the project.
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 4.2 Page 1 to 3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission System Design**
 Project Manager: Che MaFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Laiping Ng
 Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (E)	<p>A completed System Impact Study or signed System Impact Study Agreement with the California Independent System Operator and proof of payment. When not connecting to the California Independent System Operator controlled grid, provide the executed System Impact Study agreement and proof of payment to the interconnecting utility.</p> <p>If the interconnection and operation of the proposed project will likely impact an transmission system that is not controlled by the interconnecting utility (or California Independent System Operator), provide evidence of a System Impact Study or agreement and proof of payment (when applicable) with/to the impacted transmission owner or provide evidence that there are no system impacts requiring mitigation.</p>	<p>Section 4.0 Page 1 to 9</p> <p>Appendix 4-1</p> <p>Appendix 4-2 Interconnection System Impact Study Report</p>	Yes	
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	<p>Section 4.7.1 Table 4-3 to 4-5 Page 17 to 19</p>	Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	<p>Section 3.6 Page 7 to 9 Table 3-2 to 3-3</p>	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Transmission System Design**
 Project Manager: **Che MaFarlin**

DATA ADEQUACY WORKSHEET

Project: **Community Power Project**
 Docket: **07-AFC-7**

Revision No. **1** Date **November 20, 2007**
 Technical Staff: **Laiping Ng**
 Technical Senior: **Mark Hesters**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	N/A		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Appendix 4-2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Visual Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Mark R. Hamblin
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 4, sect. 8.3.2.2. Pages 14 through 23, sect. 8.3.3.2 through 8.3.3.7	Yes	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the proposed project site and the proposed routes for any project-related linear facilities. Include:	Pages 2 through 6, sect. 8.3.2 – 8.3.2.6	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 that depict directions from which the project would be seen, the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(C); and	Figure 8.3-5 Figure 8.3-6	Yes	
Appendix B (g) (6) (A) (ii)	Description of the existing visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities, including existing water vapor plumes, above-ground electrical transmission lines, and nighttime lighting levels in the project viewshed.	Pages 6 through 10, sect. 8.3.2.8	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that would be affected by the proposed project. For projects proposed to be located within the coastal zone, the assessment should also describe how the proposed project would be sited to protect views to and along the ocean and scenic coastal areas, would minimize the alteration of natural land forms, would be visually compatible with the character of surrounding areas.	Pages 3 through 6, sect. 8.3.2.2. through 8.3.2.7	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Visual Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Mark R. Hamblin
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	In consultation with Energy Commission staff, identify: i) any designated scenic roadways or scenic corridors and any visually sensitive areas that would be affected by the proposed project, including recreational and residential areas; and ii) the locations of the key observation points to represent the most critical viewing locations from which to conduct detailed analyses of the visual impacts of the proposed project. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. Also identify any major public roadways and trails of local importance that would be visually impacted by the project and indicate the types of travelers (e.g., local residents, recreationists, workers, commuters, etc.) and the approximate number of vehicles, bicyclists, and/or hikers per day.	Pages 6 through 10, sect. 8.3.2.8. Page 21, sect. 8.3.3.5 Page 5, sect. 8.4.3.7	Yes	
Appendix B (g) (6) (D)	A table providing the dimensions (height, length, and width, or diameter) and, proposed color(s), materials, finishes, patterns, and other proposed design characteristics of each major component visible from off the project site, including any project-related electrical transmission line and/or offsite aboveground pipelines and metering stations.	Table 8.3-3 Page 14, sect. 8.3.3.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Visual Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Mark R. Hamblin
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (E)	Provide the cooling tower and heat recovery steam generator (HRSG) exhaust design parameters that affect visible plume formation. For the cooling tower, data shall include heat rejection rate, exhaust temperature, exhaust mass flow rate, liquid to gas mass flow ratio, and, if the tower is plume-abated, moisture content (percent by weight) or plume-abated fogging curve(s). The parameters shall account for a range of ambient conditions (temperature and relative humidity) and proposed operating scenarios, such as duct firing and shutting down individual cells. For the heat recovery steam generator exhausts, data shall include moisture content (percent by weight), exhaust mass flow rate, and exhaust temperature. The parameters must correspond to full-load operating conditions at specified ambient conditions, and shall account for proposed operating scenarios, such as power augmentation (i.e., evaporative coolers, inlet foggers, or steam injection) and duct firing, or proposed HRSG visible plume abatement, such as the use of an economizer bypass. For simple-cycle projects, provide analogous data for the exhaust stack(s).	Page 16, sect. 8.3.3.2. Appendix 8.3-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Visual Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Mark R. Hamblin
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (F)	Provide: i) full-page color photographic reproductions of the existing site, and ii) full-page color simulations of the proposed project at life-size scale when the picture is held 10 inches from the viewer's eyes, including any project-related electrical transmission lines, in the existing setting from each key observation point. If any landscaping is proposed to comply with zoning requirements or to mitigate visual impacts, include the landscaping in simulation(s) representing sensitive area views, depicting the landscaping five years after installation; and estimate the expected time until maturity is reached.	Figure 8.3-7 through Figure 8.3-10 <u>AFC Supplement A, Visual -1</u> <u>Revised Figures 8.3-7, 8.8-8, 8.3-9, and 8.3-10</u>	No <u>Yes</u>	The KOP images are not presented at life-size scale. The purpose behind the use of a life-size (approximately tabloid size) photo is that if an individual extended it to a normal reading range and lined it up with the horizon at the KOP location, the photo simulation if accurate will lineup/match the actual physical setting providing a true to life view of the proposed power plant. Please provide individual life-size photos of Figure 8.3-7, Figure 8.3-8, Figure 8.3-9, and Figure 8.3-10.
Appendix B (g) (6) (G)	An assessment of the visual impacts of the project, including light, glare, and any modeling of visible plumes. Include a description of the method and identify any computer model used to assess the impacts. Provide an estimate of the expected frequency and dimensions (height, length, and width) of the visible cooling tower and/or exhaust stack plumes. Provide the supporting assumptions, meteorological data, operating parameters, and calculations used.	Pages 14 through 20, sect. 8.3.3.2 through 8.3.3.4	Yes	
Appendix B (g) (6) (H)	If any landscaping is proposed to reduce the visual impacts of the project, provide a conceptual landscaping plan at a 1:40 scale (1"=40'). Include information on the type of plant species proposed, their size, quantity, and spacing at planting, expected heights at 5 years and maturity, and expected growth rates.	Figure 8.3-11. Figure 8.3-7, Figure 8.3-8, Figure 8.3-9	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Visual Resources**
 Project Manager: Che McFarlin

DATA ADEQUACY WORKSHEET

Project: Community Power Project
 Docket: 07-AFC-7

Revision No. 1 Date November 20, 2007
 Technical Staff: Mark R. Hamblin
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Table 8.3-4 through Table 8.3-9, pages 24 through 31.	Yes	
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.3-4 through Table 8.3-9, pages 24 through 31.	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Table 8.3-10, page 31	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA		